

FIG. 1A

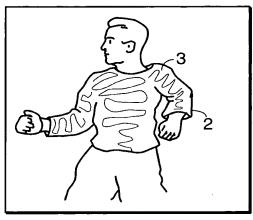


FIG. 1B

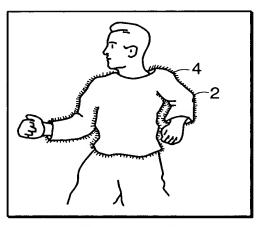


FIG. 1C

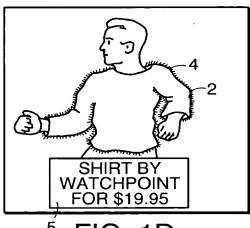
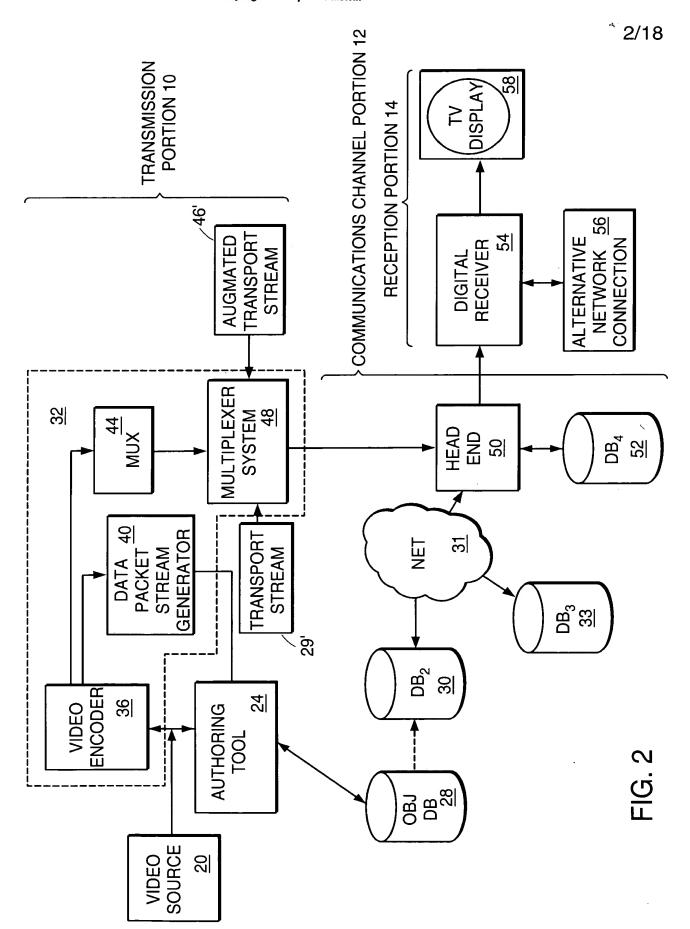


FIG. 1D

Title: Single-Pass Multilevel Method for Applying Morphological Operators in Multiple Dimensions Inventor(s): Dakss Serial No.: 09/697,479

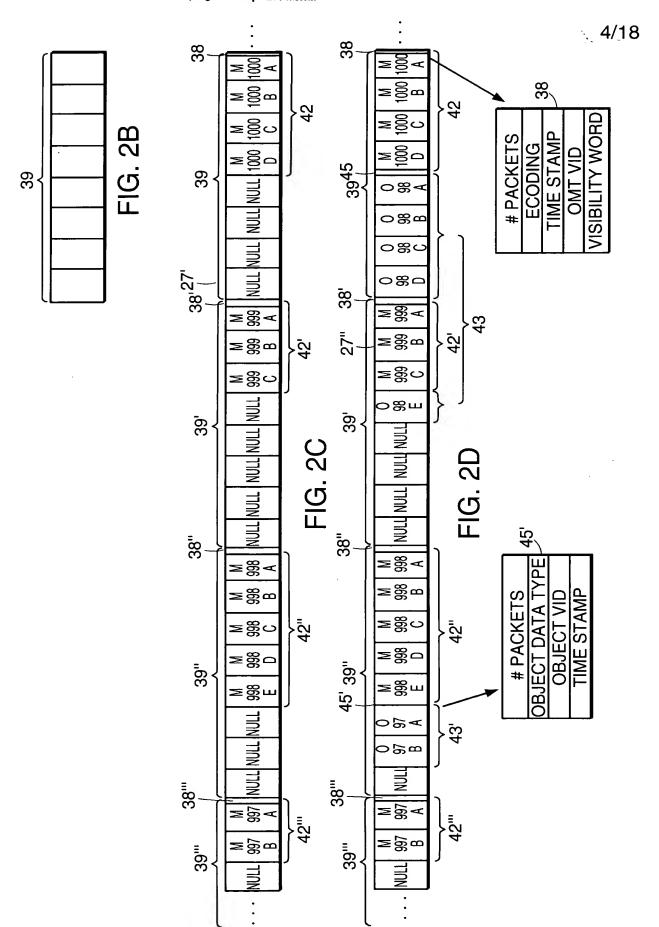
Atty Docket No.: WMI-004CNI Atty/Agent: Joseph B. Milstein

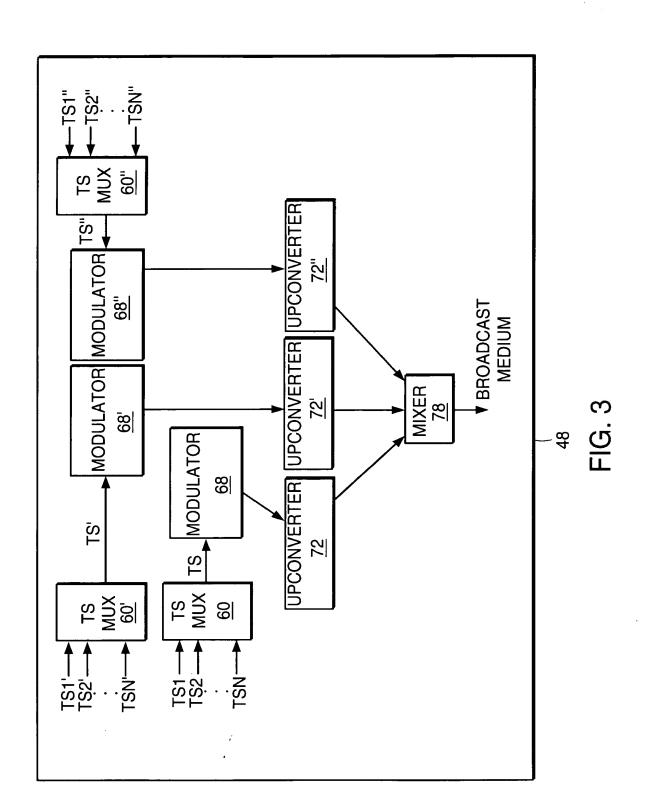


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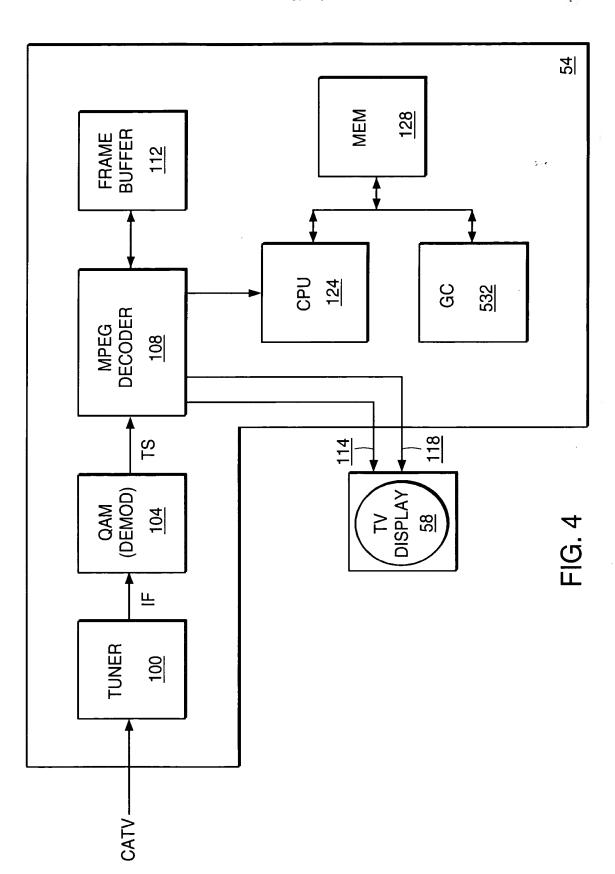
Title: Single-Pass Multilevel Method for Applying Morphological Operators in Multiple Dimensions

Inventor(s): Dakss Serial No.: 09/697,479 Atty Docket No.: WMI-004CN1 Atty/Agent: Joseph B. Milstein





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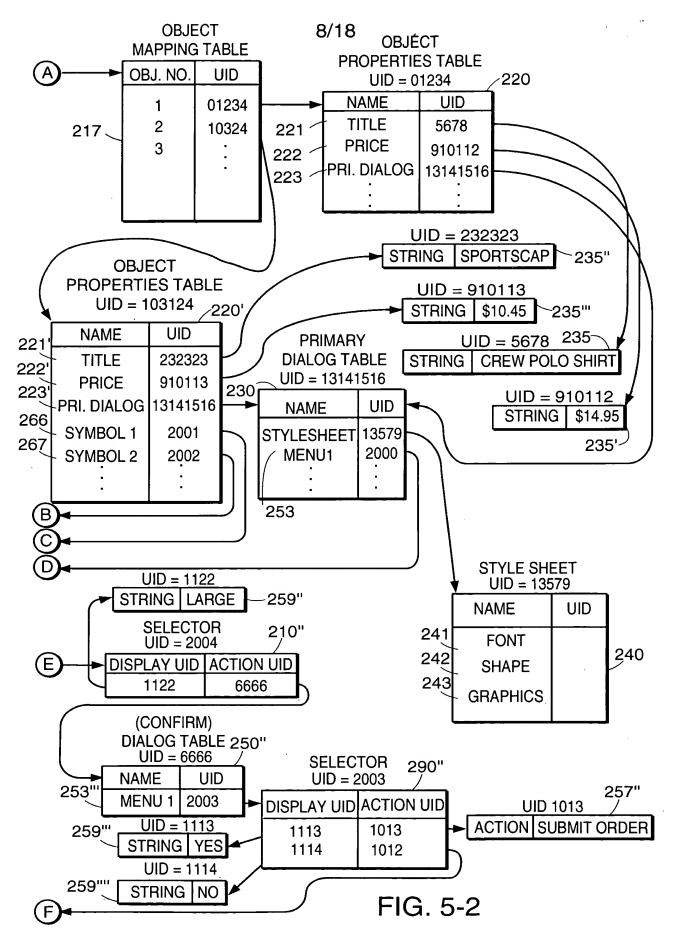


Atty/Agent: Joseph B. Milstein 7/18 FIG. FIG. 5-1 5-2 FIG. 5 216 000000 UID **FRAME** 200 00000 218 206 0000 TS 00000 24 VISIBILITY 000 0 0 205 **AUTHORING** O 0 0 0 219 TOOL 00 207 000 000 212 000 000 210 UID = 2002UID = 1012B) STRING | PICKSIZE 259 257 ACTION | EXIT UID = 2001UID = 1010STRING | PICKCOLOR 257 ACTIONISAVE D) **SELECTOR** UID = 2000290 (COLOR) **DISPLAY UID ACTION UID** DIALOG TABLE UID = 10111010 7777 ~250 1011 NAME UID 8888 9999 1012 253<sup>1</sup> MENU1 2001 UID = 9999258 BODY TEXT SYMBOL 1 256 STRING EXIT 266" UID = 8888SELECTOR **256**' 290'-UID = 2001STRING BUY **DISPLAY UID** ACTION UID UID = 7777256" 1111 5555 STRING SAVE 2222 5555 3333 5555 292 UID = 1111 4444 5555 STRING RED (SIZE) DIALOG TABLE 292' UID = 2222 -250' UID = 5555STRING BLUE NAME UID 292" UID = 3333253" MENU1 2004 STRING GREEN 267' 2585 **BODY TEXT** SYMBOL2 292" UID = 4444STRING YELLOW FIG. 5-1

Title: Single-Fass multilevel Method for Applying Morphological Operators in Multiple Dimensions

Inventor(s): Dakss Serial No.: 09/697,479 Atty Docket No.: WMI-004CN1 Title: Single-Pass Multilevel Method for Applying Morphological Operators in Multiple Dimensions Inventor(s): Dakss

Serial No.: 09/697,479 Atty Docket No.: WMI-004CN1 Atty/Agent: Joseph B. Milstein



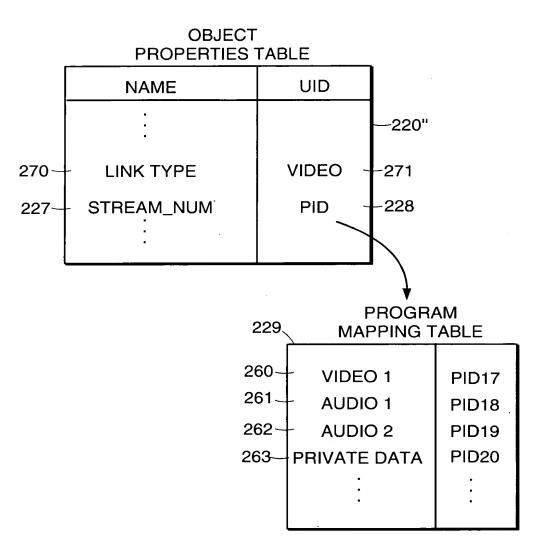
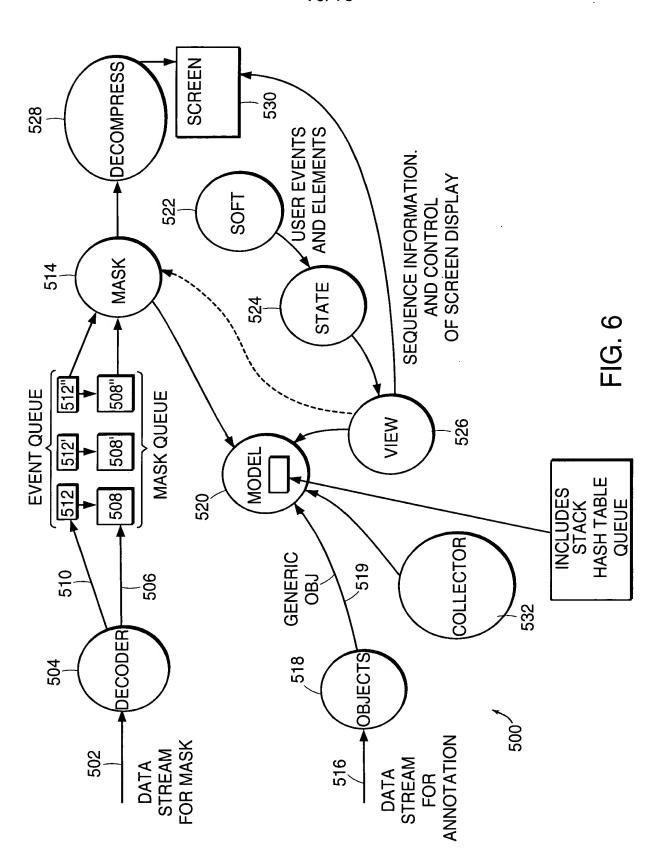


FIG. 5A



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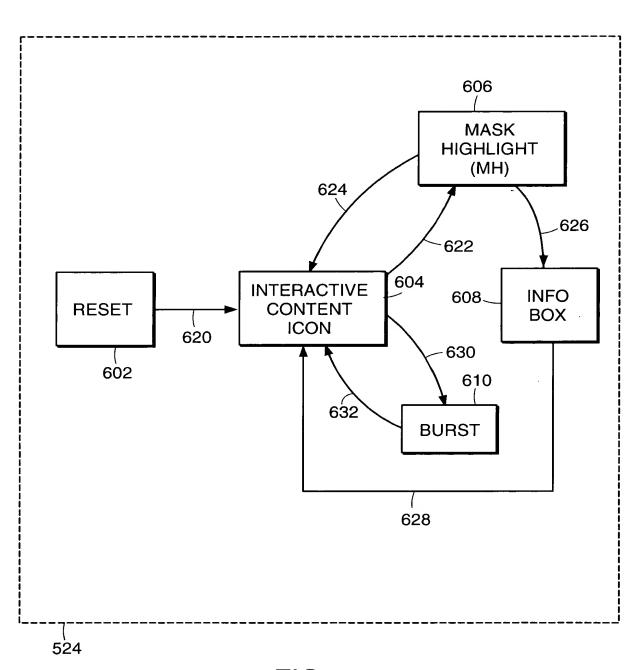


FIG. 7



FIG. 8A



FIG. 8B

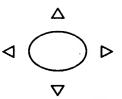
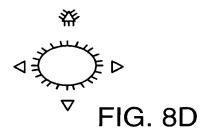


FIG. 8C



Title: Single-Pass Multilevel Method for Applying Morphological Operators in Multiple Dimensions

Inventor(s): Dakss Serial No.: 09/697,479 Atty Docket No.: WMI-0040

Atty Docket No.: WMI-004CNI Atty/Agent: Joseph B. Milstein

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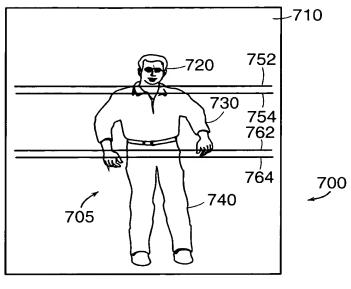


FIG. 9A

NO. ROWS (=3)

ROW 1: (COLOR<sub>1</sub>, N<sub>1</sub>), (COLOR<sub>2</sub>, N<sub>2</sub>), (COLOR<sub>3</sub>, N<sub>3</sub>), ... (COLOR<sub>N</sub>, N<sub>N</sub>)

ROW 2:  $N_1$ ,  $N_2$ ,  $N_3$ , ...,  $N_N$ 

ROW 3: N<sub>1</sub>, N<sub>2</sub>, N<sub>3</sub>, ..., N<sub>N</sub>

FIG. 9B

(VALUE INDICATOR OF COLOR, RUN LENGTH, OFFSET)
FIG. 9C

NO. ROWS (=3)

ROW 1:  $(COLOR_1, RUNLENGTH_1, OFFSET_1)$ ,  $(COLOR_2, RUNLENGTH_2, OFFSET_2)$ .... $(COLOR_N, RUNLENGTH_N, OFFSET_N)$ 

ROW 2: (RUNLENGTH<sub>1</sub>,OFFSET<sub>1</sub>), (RUNLENGTH<sub>2</sub>,OFFSET<sub>2</sub>),....(RUNLENGTH<sub>N</sub>,OFFSET<sub>N</sub>) ROW 3: (RUNLENGTH<sub>1</sub>,OFFSET<sub>1</sub>), (RUNLENGTH<sub>2</sub>,OFFSET<sub>2</sub>),....(RUNLENGTH<sub>N</sub>,OFFSET<sub>N</sub>)

FIG. 9D

Atty/Agent: Joseph B. Milstein

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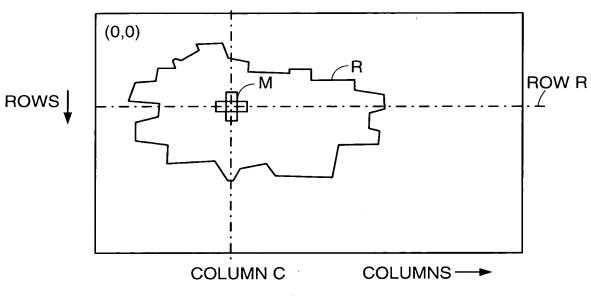


FIG. 10A

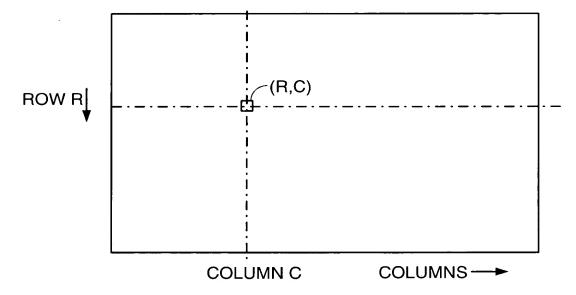
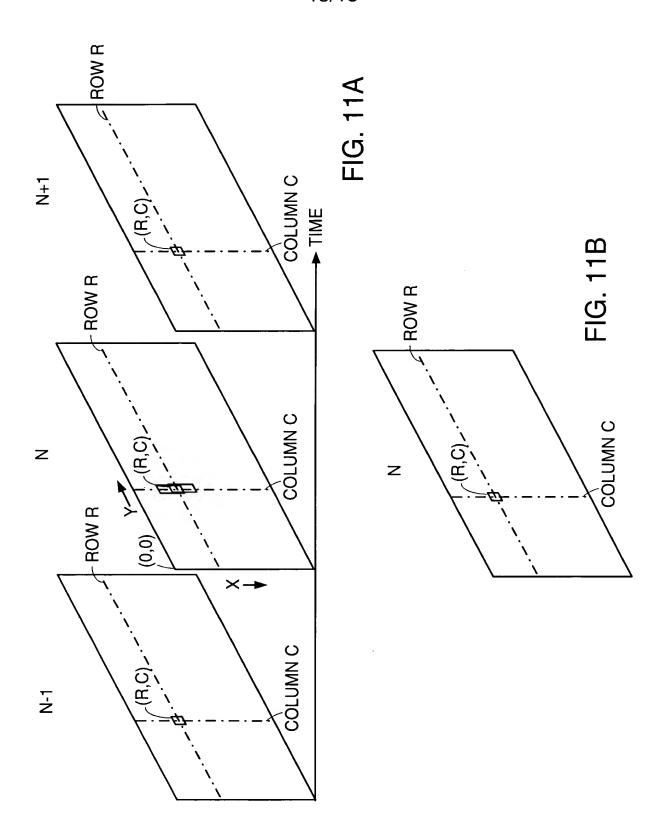
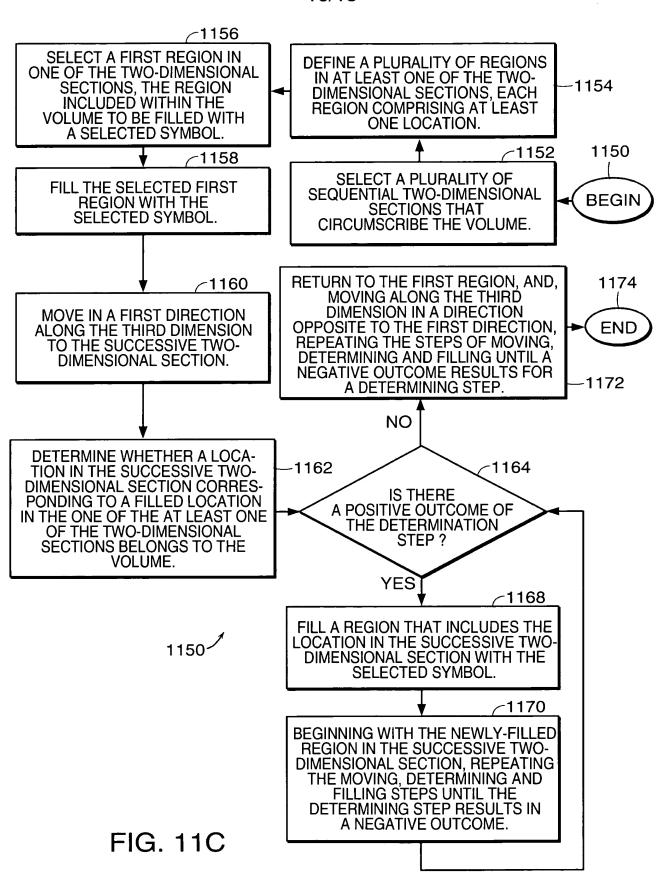


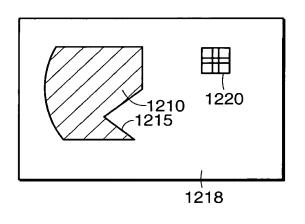
FIG. 10B



Fitle: Single-rass Multilevel Method for Applying Morphological Operators in Multiple Dimensions Inventor(s): Dakss
Serial No.: 09/697,479

Atty Docket No.: WMI-004CN1 Atty/Agent: Joseph B. Milstein





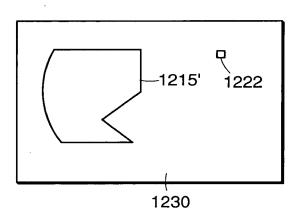


FIG. 12A

FIG. 12B

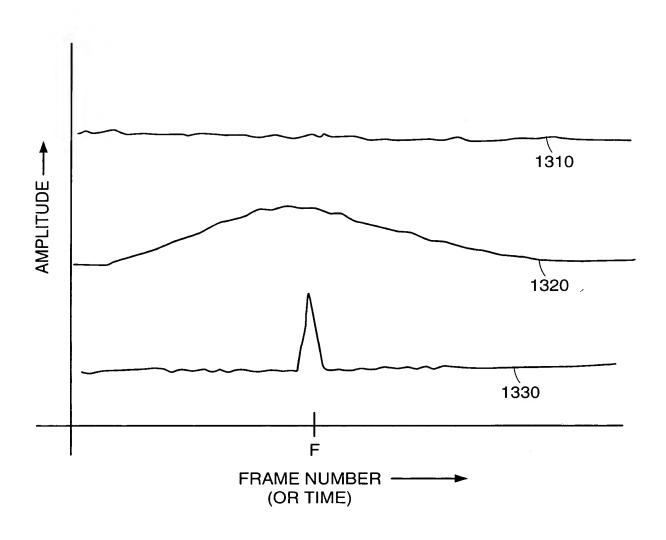


FIG. 13